Letter of Interest (LOI)

New Interchange Project Development

I-65 in Crown Point, Indiana

Submitted by:

Edwards and Kelcey

In association with:

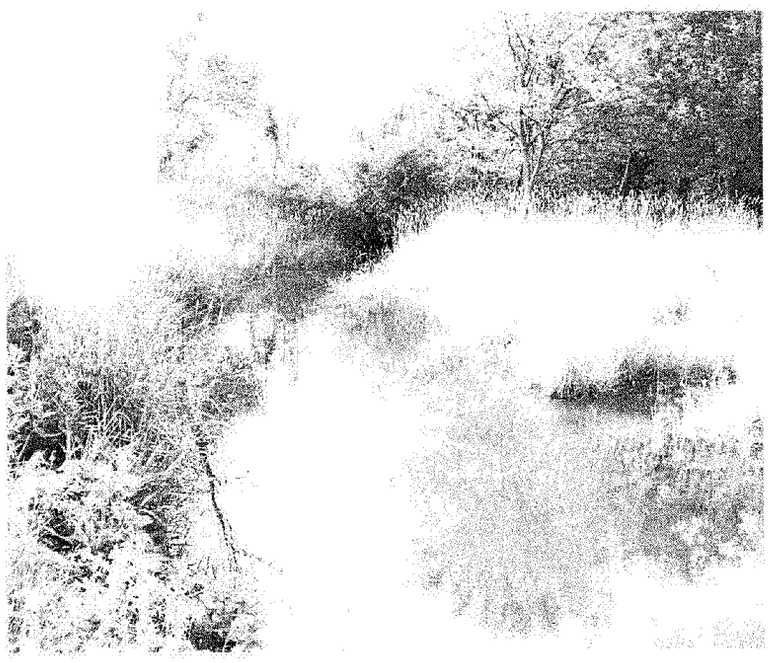
- Christopher B. Burke Engineering
- Parsons Cunningham and Shartle Engineers
- Associated Right-of-Way Services

July 21, 2006

222 E. Ohio Street, Suite 400
Indianapolis, Indiana 46204

Phone: 317-636-1552
Fax: 317-636-1345
E-mail: jklausmeier@ekmail.com

Proposed Interchange: 109th Avenue, approximately 200 feet east of I-65, facing west



Proposed Interchange: Surface water located east and south of I-65 and 109th Avenue.

Name of Firm: Edwards and Kelcey, Inc.

Contract Description	No.	Prime/Sub Consultant	Active/ Pending	Contract/ Selection Date	Estimated Annualized Contract Balance
US 136 and Raceway Road - Intersection Improvement Project	1	Prime Consultant	Active	3/19/01	$9,986.00
US 231 and Cline Avenue - Intersection Improvement Project	2	Prime Consultant	Active	3/1/04	$36,466.67
Open End Traffic Signal Design Contract	3	Prime Consultant	Active	6/10/04	$83,351.00
Highway Signing and Lighting Design for the Indianapolis International Airport	4	Prime Consultant	Pending	3/14/06	$130,466.67
Intersection Safety Studies	5	Prime Consultant	Pending	4/11/06	$112,500.00
INDOT Traffic Forecasts	6	Prime Consultant	Active	3/31/04	$200,000.00
INDOT Traffic Forecasts	7	Prime Consultant	Active	7/1/05	$129,520.00
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					$702,290.33

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Attachments

Edwards AND Kelcey
ENGINEERS
ARCHITECTS
PLANNERS
CONSTRUCTORS

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Indianapolis, IN 46204-2156

Voice 317.636.1552
Fax 317.636.1345
www.ekcorp.com

July 10, 2006

Mr. Bill Meeks, City Engineer
101 North East Street
Crown Point, IN 46307

Re: Letter of Interest - New Interchange Project Development on I-65

Dear Mr. Meeks:

A new interchange at I-65 and 109th Avenue will change the shape, extent, intensity and pace of development of Crown Point. We know this development pressure will happen because we have witnessed it elsewhere near every new interchange where we have completed Interchange Justification Studies (IJS) and related work:

- I-65 and County Line Rd., a new interchange in Indianapolis where we prepared the traffic forecasts and IJS.
- I-70/Ameriplex/International Airport, a new interchanges in Indianapolis where we prepared the traffic forecasts, IJS and provided traffic engineering design services.
- I-65/I-70 at Market Street, an interchange modification in Indianapolis where we prepared alternative analyses, traffic forecasts, IJS, and environmental documents.
- I-65 and S.R. 14 in Jasper Co. where we prepared traffic forecasts for the IJS and provided traffic engineering services.
- I-57 and C.R. 1000N in Coles County, Illinois where we are providing planning services in anticipation of a new interchange.
- In addition, EK prepared the conceptual designs of the reconstruction of an existing interchange of I-65 and S.R. 46 to create a dramatic new Gateway for Columbus, Indiana. Project team member Christopher B. Burke Engineering was responsible for wetland delineation and hydraulic engineering for this project.
- In Greensburg, Indiana, we are currently working with INDOT to research and prepare data for an IJS to modify an existing I-74 interchange that will serve the recently announced Honda auto plant.

No firm has been more successful than Edwards and Kelcey in understanding, justifying, and implementing new interchanges in Indiana. We look forward to providing these specialized services to the City of Crown Point.

Very truly yours,

James P. Klausmeier, P.E.
Vice President

Responsible Office and Contact Person
Work will be performed by the Edwards and Kelcey office at 222 E. Ohio Street, Suite 400, Indianapolis, Indiana, 46204. The following person at that address has full contractual authority: James P. Klausmeier, PE, Vice President, phone 317-636-1552, and email jklausmeier@ekmail.com.

Services and Subconsultants:
The EK team includes Parsons, Cunningham, and Shartle Engineers (a WBE firm), Associated Right-of-Way, and Christopher B. Burke Engineering for this submittal and is ready, willing and able to provide all design services that are necessary to complete the project. The Résumés section provides additional information on EK staff and the other design team firms, their staff that will be utilized in this work, as well as some of the projects they have been involved with at their respective firms.

INDOT Pre-Qualification Services	**Edwards and Kelcey**	**Parsons, Cunningham, and Shartle Engineers**	**Associated Right-of-Way Serivces**	**Christopher B. Burke Engineering**	**OTHER FIRM**
5.1 – Environmental Document Preparation – EA/EIS	X			X	
5.4 – Ecological Surveys				X	
5.5 – Wetland Mitigation	X			X	
5.6 – Waterway Permits	X			X	
5.8 – Noise Analysis and Abatement Design	X				
5.9 – Archaeological Investigations					X
5.10 – Historical / Architectural Investigations	X				
6.1 – Topographical Survey Data Collection		X			
8.2 – Complex Roadway Design	X	X		X	
9.2 – Level 2 Bridge Design	X			X	
10.1 – Traffic Signal Design	X			X	
10.2 – Traffic Signal System Design	X			X	
10.3 – Complex Roadway Sign Design	X				
10.4 – Lighting Design	X			X	
11.1 – Right of Way Plan Development		X			
12.1– Project Management for Right-of-way Acquisition Services			X		
12.2 – Title Research			X		
12.3 – Value Analysis			X		
12.4 – Appraisal			X		
12.6 – Negotiation			X		
12.7 – Closing			X		
12.8 – Relocation			X		
MBE					
WBE		X			
DBE		X			
% Share of Work	64%	10%	10%	15%	1%

Edwards and Kelcey (EK) is a national firm with offices in Indianapolis, Chicago, and 26 other cities and is ranked **71st** in the top 500 U.S. Design Firms by Engineering News Record in 2006. The local office was established in 1972 and has a staff of seven professional engineers, two graduate engineers and six technical and support personnel are supported by a national staff of over 900 engineers, architects, planners, environmental specialists, construction inspectors and support staff. Together we provide the breadth of comprehensive experience that exemplifies award-winning engineering expertise. At EK, we believe in putting the client first and providing innovative solutions to complex problems. In Indiana, we enjoy an excellent reputation of providing the best traffic engineering and transportation planning services to our public and private clients. Most recently, we are proud to have been part of the I-70 Fast-Track design team which was awarded the ACEC Grand Project Award for Engineering Excellence in 2005. We have the personnel, the ability, and the capacity to provide the same level of professional services to the City of Crown Point in the areas of traffic, road, and structural design and related studies.

Edwards and Kelcey and the team members are fully covered by liability insurance. Certificates are available upon request.

Parsons, Cunningham & Shartle Engineers, Inc. (PCS) is located in Avon, IN and has been providing quality professional engineering and surveying services since 1986. Their commitment to excellence has resulted in the firm being recognized as one of the leaders in providing these services to clients throughout the State of Indiana. PCS currently has a staff of 14, six of whom are professionally registered in Indiana. The staff has extensive experience and expertise in right-of-way engineering, water lines, surveying, transportation design, sanitary sewers, storm sewers, drainage, bridge design and construction inspection. PCS is a WBE firm.

Cheryl Cunningham, PE is a Principal with Parsons Cunningham & Shartle Engineers, Inc. and has over 26 years of experience. Her technical strength is in hydrology and hydraulics. She has extensive experience in the design and/or analysis numerous detention ponds, storm drain systems, major drainage channels, and culvert or bridge crossings. She has a strong background in drainage computer software including: TR-55, TR-20, Haestad Methods Pond Pack, Storm Sewer, HEC-2, and WSPRO. She became qualified as a "Master Modeler" for detention Pond design using Pond Pack by Haestad Methods in 2003.

Chet Parsons, PE is a Principal with Parsons Cunningham & Shartle Engineers, Inc. He has over 32 years of experience His technical strength is residential, commercial, transportation, structural, and bridge design. Mr. Parsons has designed thousands of feet of sanitary sewer facilities along with many lift stations and force mains. He has extensive experience in transportation projects and bridge design. He has supervised and assisted in the preparation of the design for many INDOT and local county governments' bridge and road projects. He has also surveyed, designed, and managed several bridge and road projects for Putnam, Parke, Morgan, Montgomery, and Fountain Counties.

Stan Shartle, LS, PE is a Principal with Parsons Cunningham & Shartle Engineers, Inc. and has over 60 years of comprehensive experience in all aspects of surveying throughout the State of Indiana. Mr. Shartle was instrumental in establishing the right-of-way procedures and standards currently used by the Indiana Department of Transportation (INDOT).

Associated Right-of-Way Services, Inc. is a full-service land acquisition corporation that was established in 1991. Services provided to agencies such as the Indiana Department of Transportation (INDOT) and City of Indianapolis include land acquisition, appraising, review appraising, relocation, property management, and right-

of-way management. All of Associated's land acquisition specialists and project managers have been approved by INDOT. Associated is incorporated as a Sub-Chapter S corporation and is a licensed real estate corporation.

Lawrence M. Ballantyne is the President of Associated Right of Way Services, Inc. and has amassed many years of experience in the right-of-way industry. He previously served as a staff Land Acquisition Specialist for the Indiana Department of Transportation and Chief Buyer for the Indianapolis Department of Transportation. Since moving to the private sector, he has secured an unprecedented percentage of easement donations and saved the local governments many thousands of dollars, while also maintaining an exceptionally low condemnation rate.

Allen D. McFearin is the corporate counsel and administrator for Associated. He is responsible for project management and quality control and has extensive experience in the areas of public works construction and real estate law. Project experience as Drainage Manager/Flood Control Administrator includes ensuring the successful planning, engineering, construction, and land acquisition phases of numerous flood control and drainage projects, as well as drainage related permitting and drainage board issues. As Assistant Corporation Counsel, he focused on the areas of design, construction, and real estate and advised the City on those matters. He has also lectured on the establishment of and use of impact fees for public improvement projects.

Christopher B. Burke Engineering, Ltd. (CBBEL) specializes in the planning, design, and construction management of municipal and private infrastructure projects including transportation, floodplain, stormwater, wastewater, environmental management, and recreation. CBBEL has established a strong presence in Indiana and Illinois, and is well known for its unique expertise in water resources and coordination with regulatory agencies.

Christopher B. Burke, Ph.D., P.E. established the firm in Rosemont, Illinois in 1986, concentrating in his specialized disciplines of civil/environmental engineering, urban planning and water resource development. CBBEL has established additional offices in Indianapolis, Columbus, **Crown Point**, Fort Wayne, and South Bend, Indiana as well as Peoria and St. Charles, Illinois. The successful growth of CBBEL has led to the acquisition of four additional survey/civil engineering companies, which include field survey crews and additional engineers that further complement the CBBEL staff. The combined companies include over 400 staff members allowing CBBEL to draw on many resources to fulfill project needs in a timely manner.

Professionals in the Indianapolis office have been serving clients in Indiana since 1989. The personnel in the Indianapolis office specialize in transportation engineering and planning, construction management, development plan review, GIS, floodplain/flood control, and stormwater, wastewater, and environmental engineering.

In addition to CBBEL's specialized expertise in the areas noted above, the company has experienced professionals in the fields of structural engineering, mechanical and electrical engineering, environmental management, and landscape architecture. This multi-disciplinary staff includes registered professional engineers (civil, mechanical, and electrical), engineer interns, Ph.D. engineers and scientists, registered professional landscape architects, scientists (biologists, ecologists, geologists) and other technical specialists.

Knowledge of the Area:
The EK team has reviewed and critiqued the Sub-Area Transportation Study by American Consulting, Inc., studied the Crown Point Comprehensive Plan and the I-65 Corridor Development Guidelines, conducted field reconnaissance of the site, and photographed critical areas. Furthermore, Christopher B. Burke Engineering has an office and resident staff in Crown Point which is very familiar with the City and its development issues.

References:

Interchange Access Justification - Edwards and Kelcey

- Mr. Brad Steckler, Manager, Engineering Assessment Section, Indiana Department of Transportation; 100 North Senate Avenue, Room N642; Indianapolis, Indiana, 46204; 317-232-5137
- Mr. Ed Ferguson, Director of Planning, City of Greenwood; 225 S. Emerson Avenue, Suite C; Greenwood, Indiana, 46143; 317-881-8698

INDOT Design Projects – Edwards and Kelcey

- Mr. Mike Holowaty, Specialty Project Group Manager, Indiana Department of Transportation; 100 North Senate Avenue, Room N642; Indianapolis, Indiana, 46204; 317-232-5337

INDOT Design Projects – Christopher B. Burke Engineers

- Saundra Vaughn, Design, Indiana Department of Transportation; 100 North Senate Avenue, Room N642; Indianapolis, Indiana, 46204; 317-232-5341

Land Acquisition – Associated Right-of-Way Services

- Mr. Kevan McClure, Manager, Division of Land Acquisition, Indiana Department of Transportation (INDOT); 100 North Senate Avenue, Room N955; Indianapolis, Indiana, 46204; 317-232-5000
- Mr. Larry Jones, Deputy Administrator, Indianapolis Department of Public Works (DPW); 604 N. Sherman Drive, Indianapolis, Indiana, 46201; 317-327-8425

Resumes of Key Staff:

JAMES P. KLAUSMEIER, PE

Mr. Klausmeier began his professional career in 1962 and became the Principal-in-Charge of the Indianapolis office of Pflum, Klausmeier and Gehrum Consultants (PKG). In 2002 PKG merged with Edwards and Kelcey. Some of his most recent projects are as follows:

- **Indianapolis International Airport Interchange Justification – Indianapolis, Indiana**
  Principal-in-charge of the design and calibration of a peak-hour travel simulation model of a large regional sub-area surrounding the airport; and the forecast of variables that affect future travel demands. The model and the resulting analyses justified the location and type of interchange to serve a new passenger terminal.

- **Comprehensive Plan - Charleston, Mattoon, Coles County, Illinois**
  Principal-in-charge of a cooperative tri-agency comprehensive and strategic plan that won the Governor's Award for Competitive Community Initiatives. A key component of the plan included planning for a new interchange on I-57. Worked with a Steering Committee throughout the planning process and conducted a series of public workshops allowing for citizen input that provided the proper forum to express needs, issues, goals and visions for their community.

- **U.S. 36 Corridor study – Danville, Indiana**
  Project Manager for a Corridor Study along U.S. 36 through Danville, Indiana, Hendricks County in accordance with the NEPA process guidelines. A Purpose and Need Statement was developed indicating the need to provide additional system capacity to accommodate the traffic demands of projected (20 year) development patterns, to provide additional system flexibility (redundancy), and to divert a substantial portion of the through trips. Six feasible alternatives were evaluated based upon criteria developed specifically for this corridor.

THOMAS E. FORD, PE
Mr. Ford began his professional career in 1980 at INDOT and became the Traffic Design Section Manager by 1990 when he left INDOT to join PKG, now Edwards and Kelcey. Mr. Ford has been project designer and project manager for a number of projects while at EK and some of them are listed below:

- **Traffic Signal Designs - Indiana**
  Project manager for design of approximately 100 traffic signals throughout the State of Indiana.

- **I-465 West Leg Maintenance of Traffic**
  Project engineer for determining the impacts to local streets due to the reconstruction of the west leg of I-465 in Indianapolis, Indiana. Work was completed for the City of Indianapolis Department of Public Works and included determination of possible detour routes, intersection capacity and roadway capacity analyses, and signal timing analysis. A capital improvements program was developed to mitigate any identified impacts along with cost estimates and implementation schedule for recommended improvements.

- **SR 44 at Michigan Road - Shelbyville, Ind.**
  Project Manager for the Improvement of the intersection of SR 44 and Michigan Road, including traffic signal designs, roadway widening, access control, and drainage improvements.

DAVID E. HENKEL, PE, PTOE
Mr. Henkel is a transportation engineer specializing in traffic engineering. Prior to joining Edwards and Kelcey (formerly Pflum, Klausmeier and Gehrum Consultants) in July 1994, Mr. Henkel was employed by the Indiana Department of Transportation for seven years. During his employment at INDOT, he was responsible for the design and management of various traffic engineering projects. Highlights of his experience with Edwards and Kelcey include the following projects:

- **I-65 & S. County Line Rd. Interchange - Indianapolis, Ind.**
  Project Manager for development of Interchange Justification Report analyzing regional traffic. Helped coordinate efforts between INDOT, City of Indianapolis, City of Greenwood, and FHWA to obtain interchange approval. Developed TRAF-NETSIM Simulation Model for County Line Rd. Corridor

- **I-70 Fast Track Project - Hendricks and Marion Counties, Indiana**
  Lead engineer for the design of the signing, lighting and ITS components of a $200 million new interchange to serve Indianapolis International Airport. Responsible for coordination with local, Federal and airport officials to produce state-of-the-art signing and lighting system and a fiber optic incident management network. Prior to the design, EK prepared the traffic forecasts and new Interchange Justification Study.

- **INDOT Statewide Signs and Lighting Design - Indiana**
  Project Manager for multiple signing and lighting design projects on various interstate and non-interstate routes throughout the State of Indiana. Provided sign design and lighting design using multiple software tools, and was responsible for all utility and INDOT coordination efforts.

- **Systems Design for US 30 - Lake County, Ind.**
  Project manager for design of closed-loop signal system. Designed systems utilizing fiber-optic cable and camera-based detection technology. System included approximately 20 intersections and required coordination with systems on adjacent arterial corridors. Provided plans and specifications for each location and approximately 15 miles of fiber optic interconnection.

RICHARD E. HENSLEY, PE

Mr. Hensley has 19 years of experience in various aspects of traffic engineering including traffic designs, studies, and operational analysis as well as other engineering disciplines. Mr. Hensley's past clients have included municipal and county government agencies and private sector companies.

Design experience includes more than 130 signal installations in Indiana and Ohio. Designs have included isolated intersections as well as interconnected signal systems ranging from two to 20 signalized intersections, fiber optic interconnected systems, system loops as part of closed loop systems, and emergency preemption of signals for fire stations, railroad crossings, etc.

Mr. Hensley has designed intersection and roadway improvements requiring horizontal alignments and profile grades with right-of-way engineering and services as well. His experience also includes multi-use pedestrian trails with complex grade issues, retaining wall systems, storm water drainage, elevated boardwalks, and environmentally sensitive areas. Some of his most relevant projects are as follows:

- **Market Street Interchange Relocation - Indianapolis, Indiana**
  Project Engineer for major study of interchange relocation and associated interchange justification study connected surface street network to interstate inner-loop system in downtown Indianapolis. Prepared network analysis model and microscopic simulation using state-of-the-art software to determine level-of-service (LOS) for network intersections. Subsequently prepared a PowerPoint presentation of the results and simulation and participated in formal presentation and meetings with client and key stakeholders including INDOT and FHWA.

- **Reeves Road Relocation & Design – Plainfield, Indiana**
  Project Manager responsible for preparation of design plans to relocate and widen a portion of Reeves Road and construction of a new campus access road to accommodate the proposed new Plainfield High School (PHS). Design scope included 1500 feet of 4-lane divided arterial, nearly one mile of 3-lane collector street, a multi-use path, twin structures carrying Reeves Road over a creek and the multi-use path, three traffic signals, roadway lighting, signing, and pavement markings.

- **I-70 Fast Track - Indianapolis, Indiana**
  Project Engineer responsible for roadway lighting design of six miles of reconstructed interstate and two new interchanges in association with the new Midfield Terminal at the Indianapolis International Airport. The project included 617 luminaires on 491 conventional lighting poles as well as sign and underpass lighting. The "Fast Track" nature of the project required careful coordination and design of the various lighting equipment on six different construction contracts.

- **Maintenance of Traffic, I-65/I-70 - City of Indianapolis, Indiana**
  Project Engineer responsible for plan and contract development for two City of Indianapolis, Department of Public Works (DPW) projects to mitigate the impact of an 85 day closure of I-65/70 in the summer of 2003. The first project, West Street, included widening, signal improvements, emergency vehicle pre-emption at signalized intersections, a new median cut and "slip lane" at the north end of the corridor to improve access to Dr. Martin Luther King Jr. Street, and pavement resurfacing. The second project involved signal modernizations, temporary signal installations, intersection channelization improvements, turn movement and parking restrictions, and implementation of new technology equipment at various locations along major commuter routes.

MATTHEW J. MASON, PE

Mr. Mason recently joined Edwards and Kelcey (EK) bringing 9 years of engineering experience. His experience includes preparation of structural bridge design calculations and plans for structural steel, concrete and prestressed concrete bridges to 100% completion; structure sizing; bridge inspection; preparing bridge inspection reports; permit management and plan review. Mr. Mason was responsible for the technical plan review of over 70 INDOT and local public agency bridges from initial structure size-and-type submittal to final tracings. His duties have also included reviewing INDOT bridge structural shop drawings for steel and prestressed concrete beams, expansion joints and bearings.

In addition to his experience in bridge design, Mr. Mason has performed structural design and detailing for numerous steel and concrete building structural projects with design for wind and seismic loadings in both Indiana and Illinois. He has also been responsible for the design, permit management and plan development for several road and site/civil projects. Some of his most relevant projects are:

- **Reeves Road Relocation and Design - Town of Plainfield, IN**
  Sized and developed plans for a 48' span pre-cast three-sided arch structure with spread footings for the crossing over Clark's Creek and the proposed 10' wide Multi-Use Path. An IDNR Construction in a Floodway permit application was needed. The application required hydraulic modeling of the new structure within the existing reach with the use of HEC-RAS software. He also performed storm drainage design and plan development for the 1500' long, curbed, 4-lane roadway section with median and sidewalks and for the intersection with Red Pride Drive. A Rule 5 Stormwater General Permit was required.

- **Indiana Dept. of Transportation (INDOT) Open-Ended Consultant Plan Review**
  Responsible for the technical plan review of over 70 INDOT and local public agency bridges from initial structure size-and-type submittal to tracings.

- **I-465 Northwest Fast Track over 71st Street, Bridge Replacements, Marion County, IN**
  Structural Design and plan development to 100% completion of two bridges carrying I-465 Northbound, I-465 Southbound, and the I-465 North to West Loop Ramp over 71st Street.. The bridges were designed with modified prestressed concrete bulb-tee beams (Spans: 90.5', 81.5') using Conspan software. The substructures are integral end bents and integral wall piers on H-piles. The skew for both structures is 56' and the southbound structure with ramp has a varying width.
  Structure Numbers: I-465-144-8626 & I-465-144-8627

JENNIFER PYRZ, PE

Ms. Pyrz is responsible for Traffic Engineering and Planning activities of the Indianapolis office of the firm. The projects include traffic impact studies, traffic forecasting, parking studies, transit studies, and pperational analyses. Ms. Pyrz has also been involved in various transportation-related projects in the areas of survey, construction management, and design. She has managed a number of traffic engineering projects, including traffic impact studies, capacity analyses, citizen response studies, parking studies, long-range forecasts, transit operations and design studies, and other special projects. Relevant projects that she has worked on include:

- **I-70 Fast Track Project - Hendricks and Marion Counties, Indiana**
  Project Manager responsible for the traffic forecasts and new Interchange Justification Study on I-70 at Six Points Road and the new airport midfield terminal.

- **ConNECTions Traffic Forecasts – Marion and Hamilton Counties, Indiana**
  Project Manager responsible for refining the Indianapolis Nine County Model to prepare traffic forecasts and determine feasibility of future highway alternatives along the I-465 beltway, I-69, I-70, and S.R. 37. Cube

Voyager and Tranplan were used to refine the demand model's roadway network, including extraction of the study sub-area, dualizing freeways and coding ramp movements, converting the ADT model to AM/PM peak hours, and calibrating to traffic counts. The project team developed a Paramics simulation model for this project, which will ultimately be used to develop the corridor's needs assessment. Year 2025 AM and PM peak hour forecasts were provided for both passenger vehicles and commercial vehicles.

- **Traffic Forecasts: I-465 between SR 67 and 86th Street - Marion County, Indiana**
  Project manager for long-range forecasts on multi-lane freeways in an urban setting. Forecast locations included eleven interchanges and their associated ramps as well as mainline stations on four separate interstate freeways and three state highways. Forecasts were also prepared for mainline stations and interchanges along I-70 between I-465 and S.R. 267.

RONALD GREIWE

Mr. Greiwe joined Edwards and Kelcey in late 2000 after a distinguished 24 year career with the City of Indianapolis. His relevant project experience with EK includes:

- **Market Street Ramp Closure – Environmental Report – 2005 – City of Indianapolis**
  Project Manager for an environmental report (statewide categorical exclusion) for the Market Street ramp closure and relocation of ramps to Washington Street. The study also includes a Section 106 report to determine impacts to historic sites and structures.

- **Market Street Ramp Removal Feasibility Study – City of Indianapolis, Indiana**
  Project manager for study to determine whether the ramp connecting I-65 to Market Street can be eliminated. Recommendations included designation of roadways and methods for re-routing traffic that is currently using the ramp. The study evaluated the feasibility of eight different alternatives.

- **Interchange Justification Study (IJS), I-65/70 - City of Indianapolis, Indiana**
  Project Manager for an IJS report to determine the feasibility of relocating ramps at Market Street to Washington Street near downtown Indianapolis along the east leg of I-65/I-70 Inner Loop. This IJS conforms to the FHWA Notice of Policy Statement published in Federal Register that included a traffic operational analysis of the eight elements of this document.

- **Maintenance of Traffic, I-65/I-70 - City of Indianapolis, Indiana**
  Project Engineer for a Maintenance of Traffic Plan in conjunction with the closure of a one-mile segment of I-65/I-70 in downtown Indianapolis. The plan determined likely traffic diversion patterns, identified critical streets and intersections, and developed, refined, implemented and monitored a variety of projects and management techniques to mitigate the effects of the closure on local streets.

Before joining EK, Mr. Greiwe was an Assistant Administrator of the City of Indianapolis, Department of Capital Asset Management (DCAM), managing its Traffic Engineering Section.

JILL PALMER, PE

Ms. Palmer is responsible for Traffic Engineering and Planning activities of the Indianapolis office of the firm. The projects include traffic impact studies, traffic forecasting, capacity analysis, and operational analysis. Her relevant experience with EK includes:

- **Interchange Justification Study (IJS), I-65/70 - City of Indianapolis, Indiana**
  Project Engineer for an IJS report to determine the feasibility of relocating ramps at Market Street to Washington Street near downtown Indianapolis along the east leg of I-65/I-70 Inner Loop. This IJS conforms

to the FHWA Notice of Policy Statement published in Federal Register that included a traffic operational analysis of the eight elements of this document.

- **Traffic Forecasting - Indiana**
  Project Engineer for over 80 long-range forecasts on state highways, arterials, and collectors throughout Indiana, including a new interchange on I-65 at S.R. 14 in Jasper County; 21 intersections along S.R. 32 in Delaware County; and 12 intersections along S.R. 62 in Warrick County.

- **Traffic Impact Studies - Indiana**
  Project Engineer for numerous Traffic Impact Studies. Tasks include data collection, trip generation, trip distribution, highway capacity analysis, recommendations for roadway and intersection improvements, and presentation of findings in public hearings and to local officials.

SANDRA M. JOSEPH, PE

Ms. Joseph manages and coordinates projects and staff of the CBBEL Crown Point, Indiana office. She is responsible for the planning, analysis and review of civil and water resource engineering projects. She coordinates authorization and review process for projects by governmental agencies and makes on-site inspections and evaluations of existing and proposed projects. Also, she assists in the development of community-specific drainage/development ordinances. Additional duties include providing information, guidance and technical service to public and private sector clients in the areas of construction engineering and management. Performs resident engineering inspection and observation duties for all phases of construction projects. These duties may include project coordination, material testing, construction layout, quantity measurement and project documentation as required by the Owner.

DAVID L. HAYWARD, PE

Mr. Hayward heads the transportation design section at CBBEL. He is responsible for projects involving the design, right of way acquisition, and construction of street improvements, traffic engineering and related transportation projects for local and state agencies. Analytical duties include traffic engineering studies including traffic signal warrant analyses, capacity analyses, signal timing speed studies and related traffic studies. Design duties include preparation of construction plans, cost estimates, technical specifications and contract documents for transportation, and municipal public works projects. Duties also include performing and managing engineering inspection and observation on private and public works construction projects. These engineering inspection and observation duties include project coordination, materials testing, construction layout, quantity measurement and project documentation as required by the owner. Project management duties include preparation of proposals and work-hour estimates, directing multi-disciplinary teams including civil engineers, surveyors, environmental specialists, soil specialists and CADD technicians; coordinating with clients and multiple governmental agencies; development of results into client-oriented reports and public presentations.

Project Key Staff:

Client Manager	James P. Klausmeier, PE
Project Manager	Thomas E. Ford, PE
Quality Control Manager	Chet Parsons, PE
Chief Study Engineer	James P. Klausmeier, PE
Chief Design Engineer	Richard E. Hensley, PE
Bridge Design Engineer	Matt Mason, PE
Traffic Design Engineer	David A. Henkle, PE, PTOE
Traffic Modeling	Jennifer Pyrz, PE
Traffic Analysis	Ron Greiwe
Report Preparation	Jill Palmer, PE
ROW Plans	Parsons, Cunningham, and Shartle
Land Acquisition	Associated Right-of-Way Services
Environmental Engineers	Christopher Burke Engineers

Thomas E. Ford, PE, will serve as Project Manager and point of contact for City staff. He has over 25 years of experience in the design, management and construction of INDOT and local public agency projects. He was employed by INDOT for 10 years prior to joining EK. He understands that a successful Project Manager has excellent communication skills, is available, and strives to become an extension of the City's staff.

Project Approach: The New Interchange Project Development will require the following four anticipated work elements.

1. Prepare an Interchange Justification Study

Any modification of access along the Interstate System requires that an IJ Study be completed. The IJ Study must demonstrate that traffic operations along the mainline and at adjacent interchanges will not be adversely affected by the access modification now or in the future. The IJ Study must also determine the need to improve the surface roadway system to serve the traffic to and from the interchange. The IJ Study must conform to established INDOT guidelines and Federal Regulations.

A Microsimulation model (rather than crude "factoring" techniques) will be prepared to depict AM and PM peak traffic for current and alternative future conditions. The model Study Area will encompass the I-65 corridor from south of the US231 interchange to north of the US 30 interchange, between and including Broadway on the west and Colorado Street on the east. The model will enable land use alternatives and roadway/interchange alternatives to be tested and performance measures to be calculated (traffic volumes, travel speeds, vehicular delay, levels of service, etc.).

The IJ Study Report will prescribe the selected interchange configuration, the sizes and types of structures, the necessary local street improvements, the needed traffic control devices, the anticipated right-of-way requirements, the potential environmental mitigation measures needed, and other features to ensure the operational functionality of the interchange.

Alternative interchange configurations, including a single-point diamond, will be investigated with the objectives of minimizing land acquisition/relocation and to create a stunning gateway for Crown Point.

2. Prepare Appropriate Environmental Studies and Documents.

Social, Economic and Environmental studies of conditions within the entire Study Area **will be conducted concurrently with the preparation of the IJ Study.**

These studies will further include determinations of current and future population and household characteristics, current and future employment characteristics and types, current and future land use characteristics, and general

soil, topographic, and drainage patterns. The socioeconomic data will be used in the micro-simulation modeling process.

Next, environmental studies will focus on the area immediately surrounding the location of the proposed interchange. These studies will include ecological surveys, wetland identification (potential wetland areas have been observed), archaeological investigations, history and architectural investigations, and noise analyses.

These initial studies will provide baseline conditions to inform the interchange designers of sensitive areas to be avoided or locations where mitigation measures may be required. The environmental implications will be evaluated for each of the various new interchange configurations and for the associated surface roadway improvements that will be needed.

An Environmental Assessment report will be prepared that documents the investigations, describes the impacts of the preferred alternate, and prescribes the measures needed to mitigate any adverse environmental impacts.

All environmental studies, evaluations and recommendations will be prepared by qualified professionals in coordination with INDOT under its established guidelines, will address specific federal requirements, and will be coordinated with all local, state and federal agencies.

3. Prepare Construction Documents and Right-of-Way Plans

Preparation of construction documents and Right-of-Way Plans will be **initiated after the IJ Study and the Environmental Assessment have been approved by State and Federal agencies.** The following is a partial list of tasks to be completed, some of which will be conducted concurrently:

- survey existing physical conditions, property lines
- coordinate with utilities
- establish interchange geometric details
- establish ramp profiles and roadway profiles
- confirm structure sizes and types
- conduct grade review
- prepare preliminary field check plans
- conduct field check review
- perform geotechnical work
- prepare preliminary right-of-way plans
- initiate property abstracting work
- complete hydraulic designs for roadways
- prepare draft design summary and hearing plans
- conduct public hearing
- prepare final design summary
- conduct foundation review
- perform pavement designs
- prepare final right-of-way plans
- implement right-of-way procurement process
- prepare detailed road design plans
- prepare detailed structural design plans
- prepare detailed sign, lighting, signal plans
- prepare maintenance of traffic plans
- prepare documents for environmental permits
- conduct final field check
- prepare final check prints
- prepare special provisions
- estimate quantities and prepare cost estimate
- submit final tracings and electronic documents
- implement bid letting process

All features of the new interchange including ramps, roadways, bridges, drainage structures, signs, lighting, signals, maintenance of traffic and all other elements will be designed by qualified professionals in coordination with INDOT and under its established standards and procedures for roadway, bridge, and interchange design.

4. Provide Land Acquisition Services

The process of acquiring land for the interchange, the widening of 109th Avenue, and the limited access rights along widening 109th Avenue, will conform to the Federal Uniform Relocation Act and will include Abstracting, Preparing Right-of-Way Plans, Preparing Legal Descriptions, Appraising Properties, and Buying Properties.

Current and Completed Projects (CCP)

New Interchange Project Development

I-65 in Crown Point, Indiana

Proposed Interchange: 109th Avenue, approximately 500 feet west of I-65, facing east

Proposed Interchange: View of 109th Avenue from the I-65 overpass, facing west.

Edwards Kelcey

222 E. Ohio Street, Suite 400
Indianapolis, Indiana 46204

Phone: 317-636-1552
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CURRENT AND COMPLETED PROJECTS

Name of Firm: EDWARDS AND KELCEY

Date: June 30, 2006

List **all** current highway projects assigned to the personnel that would also be working on contract assignments associated with this RFP item, sorted in order from lowest percent of completion to highest.

Also, after the list of current projects, list the same information for representative projects completed within the last five (5) years which have similar characteristics to those associated with this RFP item. Projects completed under the direction of project managers while employed by other firms may be listed, if clearly identified as such, and may also be highlighted in resumes' elsewhere in the LoI.

a. Project Name / Location	Project Manager	Construction Cost	% or Yr Complete	Client
b. Services being provided (ex. - Survey, Road Design, Bridge Design, Construction Inspection, etc.)				Reference Name
a. Airport Signing and Lighting	David Henkel	2,185,000	0%	INDOT
b. Provide signing and lighting design services as needed at the new Midfield Terminal				Alfredo Hanza
a. INDOT Safety Studies	Jennifer Pyrz	none	0%	INDOT
b. Intersection and roadway safety studies via on-call contract for locations throughout the state				Brad Stecklar
a. Auburn - Grandstaff Drive and Betz Road Improvements	Rick Hensley	3,676,000	5%	City of Auburn
b. Curb & Gutter and Drainage Improvements, Widen Betz Rd. to 3-lane section, sidewalks & lighting on both				Steve Bruns
a. Fort Wayne - Ardmore Ave. Study, Taylor St. to Jefferson Blvd.	Rick Hensley	none	5%	CrossRoad Engrs
b. Study access alternatives, noise mitigation, and traffic operational analysis				Jay Vorisek
a. INDOT Traffic Forecasts	Jennifer Pyrz	none	20%	INDOT
b. Prepare traffic projections for various state roadways.				Roy Nunnaly
a. U.S. 231 and Cline Avenue Intersection Design	Tom Ford	1,200,000	36%	INDOT
b. Intersection / signal / sign / pavement marking design, maintenance of traffic, utility coordination				Ed Tang
a. INDOT Traffic Forecasts	Jennifer Pyrz	none	50%	INDOT
b. Prepare traffic projections for various state roadways, including I-65 at SR 14 new interchange				Roy Nunnaly
a. INDOT Signal Design / throughout Indiana	Tom Ford	5,000,000	58%	INDOT
b. Signal design at locations throughout the state				Alfredo Hanza

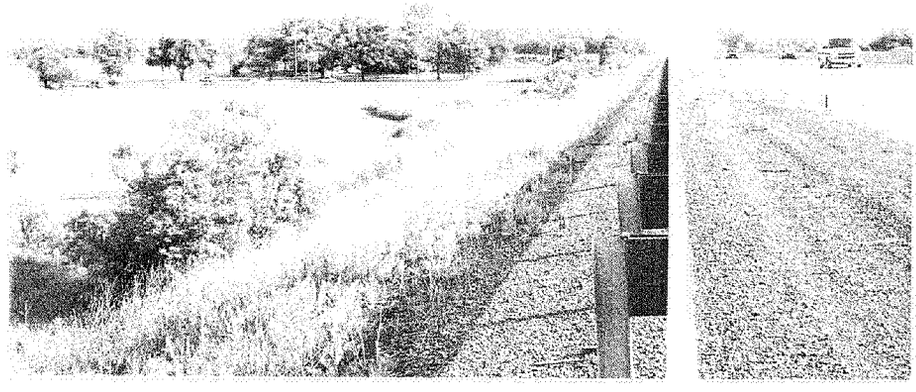
CURRENT AND COMPLETED PROJECTS

a. Project Name / Location	Project Manager	Construction Cost	% or Yr Complete	Client
b. Services being provided (ex. - Survey, Road Design, Bridge Design, Construction Inspection, etc.)				Reference Name
a. Coles County Comprehensive Plan	Jim Klausmeier	none	80%	Coles County
b. Assist Coles Co., Illinois staff in preparing a Comprehensive Plan				Doug McDermand
a. US 136 Intersection Design / Indianapolis, Indiana	Tom Ford	1,300,000	95%	INDOT
b. Intersection improvement design				James Brown
a. U.S. 231 and Stardust Road Intersection Design / Cloverdale, IN	Dave Henkel	370,000	2006	INDOT
b. Included 1400-feet of arterial widening, approach modification, added turn lane, and design of traffic signal, pavement markings, and signing.				Alfredo Hanza
a. INDOT Signing and Lighting / throughout Indiana	David Henkel	2,105,000	2006	INDOT
b. provide signing and lighting design services as needed				Dale Louie
a. I-65/I-70 and Market Street Interchange Justification Study	Jim Klausmeier	none	2005	City of Indianapolis
b. Traffic analysis, feasibility study, IJS, and environmental studies in preparation to modify an existing interchange.				Steve Cunningham
a. Red Pride Drive Road Design / Plainfield, Indiana	Rick Hensley	1,500,000	2005	Town of Plainfield
b. Traffic signals, highway signage, pavement marking details, and highway lighting systems to augment road design				Don McGillem
a. I-70 Fast Track Traffic Engineering / Indianapolis, Indiana	David Henkel	5,000,000	2003	INDOT
b. Highway sign, highway lighting, traffic signal, pavement marking, and ITS design				Walter Land
a. CityFix, West Street Design / Indianapolis, Indiana	Rick Hensley	1,000,000	2003	City of Indianapolis
b. Roadway design for widening of West Street in downtown Indianapolis in conjunction with HyperFix				Long Nguyen

Affirmative Action Certification (AAC)

New Interchange Project
Development

I-65 in Crown Point, Indiana



Proposed Interchange: I-65, approximately 500 feet south of 109th Avenue, facing north. On the left is the west side of the interstate

Proposed Interchange: I-65, approximately 500 feet south of 109th Avenue, facing north. On the left is the west side of the interstate

Edwards Kelcey

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Request for Proposals Bulletin Crown Point

Project I-65 Interchange

AFFIRMATIVE ACTION CERTIFICATION

I do hereby certify that it is the intention of my company to affirmatively seek out and consider certified DBEs to participate as part of this proposal

I understand and agree that all subconsulting in connection with this proposal, whether undertaken prior to or subsequent to the notice to proceed will be in accordance with the requirements for the Disadvantaged Business Enterprise Program, included elsewhere in this RFP. I understand and agree that no subcontracting will be approved or commenced until the Department of Transportation has reviewed and approved the affirmative actions taken by my company or me.

I understand that utilization of certified DBEs is in addition to all other equal employment requirements of this RFP.

I acknowledge that this certification is to be made an integral part of this proposal.

I understand and agree that the submission of a blank certification shall cause the proposal to be rejected.

I hereby certify that contact has been made with the certified DBEs listed in this certification. If my company becomes the CONSULTANT, the certified DBEs have tentatively agreed to perform the services. I understand that neither my company nor I will be penalized for amounts achieved over or under the amount shown for voluntary DBE utilization anticipated over the goal. However, INDOT may request an explanation for any variances.

SUBCONSULTANTS

Certified DBE Name & Address	**Type(s) of Work**
1. Parsons, Cunningham and Shartle Engineers, Inc.	6.1 - 11.1
2.	
3.	
4.	
5.	
6.	

Approximate Percentage Credited toward DBE Goal (RC) 10%

Approximate Percentage of Voluntary DBE Work Anticipated over DBE Goal (RN) 5%

Name of Company Edwards and Kelcey, Inc.

By: Thomas E. Ford

Date 6/30/2006

Thomas E. Ford, Associate Vice President

Individual's Name and Title (printed or typed)

Active and Pending Contract Balances (APB)

New Interchange Project
Development

I-65 in Crown Point, Indiana

Proposed Interchange: Surface water in the southeast quadrant of I-65 and 109th Avenue.

Proposed Interchange: Existing church and vegetative growth in the south-west quadrant of I-65 and 109th Avenue.

Edwards Kelcey

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Phone: 317-636-1552
Fax: 317-636-1345
E-mail: jklausmeier@ekmail.com

Name of Firm: Edwards and Kelcey, Inc.

Contract balance information is **required** from those consultants who currently have active or pending contracts with INDOT or who have subconsultant commitments to INDOT contracts.

The blue highlighted cells are to be edited for this page and for the tabed sheets as applicable.

All contracts and contract selections are to be included except those selections made prior to 1/1/06 for which notice to proceed has not been issued.

Do not include renewal amounts unless a renewal contract has been signed by your firm.

Do not include proposed subconsultant commitments for open-end contracts until specific assignments are made and specific sub-consultant responsibilities are known.

Portions of open-end contracts remaining without assignments are to be included within balance of the prime consultant until the assignment period ends.

Name of Firm: Edwards and Kelcey, Inc.

Contract Description:	US 136 and Raceway Road - Intersection Improvement Project Des. No. 9800730			1
Prime Consultant	**Active**	**Contract Date:**	3/19/01	
A. Total or Estimated Contract Amount:	$106,800.00	Total Remaining Amount Unbilled:	$4,993.00	
B. Unbilled Amount Expected to be Completed by Subconsultants:				
C. Net Remaining Amount Unbilled (A. minus B.):			**$4,993.00**	
D. Estimated No. of Years to	0.5			
E. Estimated Annualized Contract Balance (C. / D.):			**$9,986.00**	

Contract Description:	US 231 and Cline Avenue - Intersection Improvement Project Des. No. 0014070			2
Prime Consultant	**Active**	**Contract Date:**	3/1/04	
A. Total or Estimated Contract Amount:	$86,000.00	Total Remaining Amount Unbilled:	$54,700.00	
B. Unbilled Amount Expected to be Completed by Subconsultants:				
C. Net Remaining Amount Unbilled (A. minus B.):			**$54,700.00**	
D. Estimated No. of Years to	1.5			
E. Estimated Annualized Contract Balance (C. / D.):			**$36,466.67**	

Contract Description:	Open End Traffic Signal Design Contract			3
Prime Consultant	**Active**	**Contract Date:**	6/10/04	
A. Total or Estimated Contract Amount:	$400,000.00	Total Remaining Amount Unbilled:	$166,702.00	
B. Unbilled Amount Expected to be Completed by Subconsultants:				
C. Net Remaining Amount Unbilled (A. minus B.):			**$166,702.00**	
D. Estimated No. of Years to	2			
E. Estimated Annualized Contract Balance (C. / D.):			**$83,351.00**	

Contract Description:	Highway Signing and Lighting Design for the Indianapolis International Airport			4
Prime Consultant	**Pending**	**Selection Date:**	3/14/06	
A. Total or Estimated Contract Amount:	$206,000.00	Total Remaining Amount Unbilled:	$206,000.00	
B. Unbilled Amount Expected to be Completed by Subconsultants:			$10,300.00	
C. Net Remaining Amount Unbilled (A. minus B.):			**$195,700.00**	
D. Estimated No. of Years to	1.5			
E. Estimated Annualized Contract Balance (C. / D.):			**$130,466.67**	

Name of Firm: Edwards and Kelcey, Inc.

Contract Description:	Intersection Safety Studies			**5**
Prime Consultant	**Pending**	**Selection Date:**	4/11/06	
A. Total or Estimated Contract Amount:	$225,000.00			
		Total Remaining Amount Unbilled:	$225,000.00	
B. Unbilled Amount Expected to be Completed by Subconsultants:				
C. Net Remaining Amount Unbilled (A. minus B.):			**$225,000.00**	
D. Estimated No. of Years to	2			
E. Estimated Annualized Contract Balance (C. / D.):			**$112,500.00**	

Contract Description:	INDOT Traffic Forecasts			**6**
Prime Consultant	**Active**	**Contract Date:**	3/31/04	
A. Total or Estimated Contract Amount:	$800,000.00			
		Total Remaining Amount Unbilled:	$400,000.00	
B. Unbilled Amount Expected to be Completed by Subconsultants:				
C. Net Remaining Amount Unbilled (A. minus B.):			**$400,000.00**	
D. Estimated No. of Years to	2			
E. Estimated Annualized Contract Balance (C. / D.):			**$200,000.00**	

Contract Description:	INDOT Traffic Forecasts			**7**
Prime Consultant	**Active**	**Contract Date:**	7/1/05	
A. Total or Estimated Contract Amount:	$183,335.00			
		Total Remaining Amount Unbilled:	$146,185.00	
B. Unbilled Amount Expected to be Completed by Subconsultants:			$16,665.00	
C. Net Remaining Amount Unbilled (A. minus B.):			**$129,520.00**	
D. Estimated No. of Years to	1			
E. Estimated Annualized Contract Balance (C. / D.):			**$129,520.00**	

Contract Description:				**8**
Prime Consultant	**Active**	**Contract Date:**		
A. Total or Estimated Contract Amount:				
		Total Remaining Amount Unbilled:		
B. Unbilled Amount Expected to be Completed by Subconsultants:				
C. Net Remaining Amount Unbilled (A. minus B.):				
D. Estimated No. of Years to				
E. Estimated Annualized Contract Balance (C. / D.):				